BRUHAT BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer, Dasarahall Division,

Schedule - B

Name of Work: Estimate for improvements & Asphalting to Ashwathkatte Main Road Basaveshwara roads in Mallasandra, in Shettyhalli Sub Division, Ward No.13

Sl. No.	Description of Work	Unit	Qty.	Sanctioned Estimate Rates	
				In Figures	In Words (Rs.)
1	2	3	4	5	6
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications Page No. 150/ Item No. 19.1/ PWD SR 2013-14	Cum	471.83	65.88	Rupees Sixty five and eighty eight paise only
3	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.167/I.20.18 PW, P & IWTD - SR 2013-14)	Cum	316.80	1121.04	Rupees one thousand one hundred twenty one and zero four paise only
4	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 Page No. 175/ Item No. 21.6/ PWD SR 2013-14	Sqm	1584.00	44.28	Rupees forty four and twenty eight paise only
5	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per	Cum	63.36	6646.32	Rupees six thousand six hundred forty six and thirty two paise only

EXECUTIVE ENGINEER-4
ISRED, BBMP DIVISION
BENGALURU-560 010

Signature of the Contractor

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanaga
Executive Engineer
Dasarahalli Division, Bang

Sl. No.	Description of Work	Unit	Qty.	Sanctioned Estimate Rates	
				In Figures	In Words (Rs.)
6	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5. (Page No. 175, Item No. 21.1, PWD SR 2013-14	Sqm	9791.60	2.59	Rupees two and fifty nine paise only
7	KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 Page No. 176/ Item No. 21.7/ PWD SR 2013-14	Sqm	9791.60	11.99	Rupees eleven and ninety nine paise only
8	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. Item No. 21.20.1, Page no. 178, SR 2013-14	Cum	262.67	9631.44	Rupees nine thousand six hundred thirty one and forty four paise only
9	Carriage of mixed materials 10kms . For items of Sl. No (1) rs. 5.20 per cum/km. Page No. 186/PWD SR 2013-14	Cum	326.03	56.16	Rupees fifty six and sixteen paise only
10	Disposal of Debris to the final place of disposal with all lead and lift and directions by the engineer in charge of the work. Lead10km a) Basic rate for Hualage of material as per item No.17.4/KSRRB M100-4.1 Rs.2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for rs.2.00km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs 62.2 (P.150,I.NO.18.57.1)	Cum	471.83	72.71	Rupees seventy two and seventy one paise only

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Signature of the Contractor

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike,
Dasarahalli Division
Bangalore-57.

Executive Engineer
Dasarahalli Division
B.B.M.P

Signature of the Contractor

Executive Engineer